



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Applicants:

Angelopoulos et al.

Serial No.: 09/727,615

Filed: December 1, 2000

For: POLYCRYSTALLINE CONDUCTING POLYMERS AND PRECURSORS
THEREOF HAVING ADJUSTABLE MORPHOLOGY AND PROPERTIES

Date: June 1, 2001

Group Art Unit:

Examiner:

Docket No.: YOR919960050US3

Assistant Commissioner for Patents
Washington, D. C. 20231

Letter

Sir:

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Attached is a typed replacement for Table I.

Please charge any fee necessary to enter this paper and any previous paper to
deposit account 09-0468.

Respectfully submitted,

By: 

Dr. Daniel P. Morris, Esq.

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IBM Corporation
Intellectual Property Law Dept.
P. O. Box 218
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TABLE I

PLASTICIZERS

ADIPIC ACID DERIVATIVES

Dicapryl adipate
Di-(2-ethylhexyl) adipate
Di(n-heptyl, n-nonyl) adipate
Diisobutyl adipate
Diisodecyl adipate
Dinonyl adipate
Di-(tridecyl) adipate

AZELAIC ACID DERIVATIVES

Di-(2-ethylhexyl) azelate
Diisodecyl azelate
Diisooctyl azelate
Dimethyl azelate
Di-n-hexyl azelate

BENZOIC ACID DERIVATIVES

Diethylene glycol dibenzoate
Dipropylene glycol dibenzoate
Polyethylene glycol 200 dibenzoate

CITRIC ACID DERIVATIVES

Acetyl tri-n-butyl citrate
Acetyl triethyl citrate
Tri-n-butyl citrate
Triethyl citrate

DIMER ACID DERIVATIVES

Bis-(2-hydroxyethyl dimerate)

EPOXY DERIVATIVES

Epoxidized linseed oil
Epoxidized soy bean oil
2-Ethylhexyl epoxystallate
n-Octyl epoxystereate

FUMARIC ACID DERIVATIVES

Dibutyl fumarate

GLYCEROL DERIVATIVES

Glycerol triacetate

ISOBUTYRATE DERIVATIVE

2,2,4-Trimethyl-1,3-pentanediol
Diisobutyrate

ISOPHTHALIC ACID DERIVATIVES

Di-(2-ethylhexyl) isophthalate
Dimethyl isophthalate
Diphenyl isophthalate

LAURIC ACID DERIVATIVES

Methyl laurate

LINOLEIC ACID DERIVATIVE

Methyl linoleate, 75%

MALEIC ACID DERIVATIVES

Di-(2-ethylhexyl) maleate
Di-n-butyl maleate

MELLITATES

Tricapryl trimellitate
Tri-(2-ethylhexyl) trimellitate
Triisodecyl trimellitate
Tri-(n-octyl, n-decyl) trimellitate

MYRISTIC ACID DERIVATIVES

Isopropyl myristate

OLEIC ACID DERIVATIVES

Butyl oleate
Glycerol monooleate
Glycerol trioleate

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TABLE I-continued

PLASTICIZERS

Methyl oleate
n-Propyl oleate
Tetrahydrofurfuryl oleate
PALMITIC ACID DERIVATIVES

Isopropyl palmitate
Methyl palmitate
PARAFFIN DERIVATIVES

Chloroparaffin, 41% Cl
Chloroparaffin, 50% Cl
Chloroparaffin, 60% Cl
Chloroparaffin, 70% Cl
PHOSPHORIC ACID DERIVATIVES

2-Ethylhexyl diphenyl phosphate
Isodecyl diphenyl phosphate
4-Butylphenyl diphenyl phosphate
Tri-butoxyethyl phosphate
Tributyl phosphate
Tricresyl phosphate
Triphenyl phosphate
PHTHALIC ACID DERIVATIVES

Butyl benzyl phthalate
Butyl octyl phthalate
Dicapryl phthalate
Dicyclohexyl phthalate
Di-(2-ethylhexyl) phthalate
Diethyl phthalate
Diethyl phthalate
Diisobutyl phthalate
Diisodecyl phthalate
Diisononyl phthalate
Diisooctyl phthalate
Dimethyl phthalate
Ditridecyl phthalate
Diundecyl phthalate
RICINOLEIC ACID DERIVATIVES

Butyl ricinoleate
Glyceryl tri(acetyl) ricinoleate
Methyl acetyl ricinoleate
Methyl ricinoleate
n-Butyl acetyl ricinoleate
Propylene glycol ricinoleate
SEBACIC ACID DERIVATIVES

Dibutyl sebacate
Di-(2-ethylhexyl) sebacate
Dimethyl sebacate
STEARIC ACID DERIVATIVES

Ethylene glycol monostearate
Glycerol monostearate
Isopropyl isostearate
Methyl stearate
n-Butyl stearate
Propylene glycol monostearate
SUCCINIC ACID DERIVATIVES

Diethyl succinate
SULFONIC ACID DERIVATIVES

N-Ethyl o,p-toluenesulfonamide
o,p-toluenesulfonamide
Polyesters

adipic acid polyester
Paraplex G-40
adipic acid polyester
Santicizer 334F
azelaic acid polyester
Plastolein 9720)
azelaic acid polyester
Plastolein 9750
sebacic acid polyester

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TABLE I-continued

PLASTICIZERSParaplex G-25Sucrose derivatives

sucrose acetate-isobutyrate (SAIB)

Tartaric acid derivative

dibutyl tartrate

Terephthalic acid derivative

bis(2-ethylhexyl) terephthalate (DOTP)

Trimellitic acid derivatives

tris(2-ethylhexyl) trimellitate (TOTM)

heptyl nonyl trimellitate

heptyl nonyl undecyl trimellitate

triisodecyl trimellitate

Glycol derivatives

diethylene glycol dipelargonate

triethylene glycol di-2

ethylbutyrate

poly(ethylene glycol) (200) di-2-

ethylhexanoate

Glycolates

methyl phthalyl ethyl glycolate

butyl phthalyl butyl glycolate

Hydrocarbons

hydrogenated terphenyls HB-40

poly(alkyl naphthalene)s Panaflex

aliphatic aromatics Leromoll

chlorinated paraffin (52 wt % Cl),

Cereclor S-52

Terpenes and Derivatives

Camphor

Hydrogenated methyl ester or rosin

Phosphonic Acid Derivatives

Chlorinated Polyphosphanate

Siloxanes

Polydimethyl siloxane

Polyco-dimethyl/propylamine siloxanes with various amount of propylamine content

Polydiphenylsiloxanes

Polyco-dimethylphenyl siloxanes

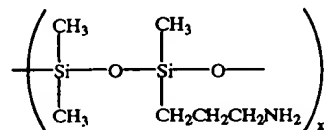
Silanol terminated polysiloxanes

Amino terminated polysiloxanes

Epoxy terminated polysiloxanes

Carbirol terminated polysiloxanes

Polysilanes

Glycols

Polyethylene glycol

Poly(ethylene glycol) tetrahydrofurfuryl ether

Poly(ethylene glycol) bis(carboxymethyl) ether

3,6,9-trioxadecanoic acid

3,6,9-trioxaundecanedioic acid

Polyglycol diacid

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THEREOF HAVING ADJUSTABLE MORPHOLOGY AND PROPERTIESAssistant Commissioner for Patents
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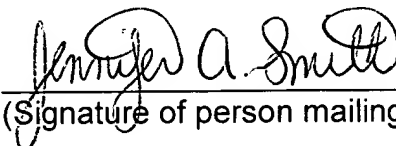
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